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☐	L1	6107032.pn.	3
☐	L2	mcGall-g$.in.	196
☐	L3	L2 and (array or oligonucleotide array)	171
☐	L4	L3 and solid support	108
☐	L5	L4 and activat$ nucleotide	22
☐	L6	L5 and different oligonucleotide	2
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☐	L8	L7 same (solid support or support or matrix or surface or solid surface)	460633
☐	L9	L8 and (function$ near group)	14567
☐	L10	L9 and (activat$ nucleotide)	147
☐	L11	L9 and (activat$ nucleotide or phosphoramidite)	2192
☐	L12	L11 and (dicyanoimidazole or tetrazole or ethylthiotetrazole or pyridinium trifluoroactate)	427
☐	L13	L12 and (photo-protecting group)	4
☐	L14	L12 and (photo-protect$ group)	4
☐	L15	L12 and (NVOC or MeNPOC or MeNVOC or NPOC)	89
☐	L16	L15 and ethylthiotetrazole	1
☐	L17	L12 and ethylthiotetrazole	14
☐	L18	L12 and (different near oligo$)	166
☐	L19	L18 and ethylthiotetrazole	4
☐	L20	5143854.pn. or 6429275.pn. or 6410675.pn. or 6307042.pn. or 5959098.pn.	9
☐	L21	5919523.pn. or 5384261.pn. or 6050193.pn. or 4517338.pn. or 4562157.pn. or 4762881.pn. or 3849137.pn. or 4631211.pn.	16
☐	L22	(l20 or l21) and (oligonucleotide array)	4
☐	L23	(l20 or l21) and (oligo$ near array)	5
☐	L24	(l20 or l21) and (activat$ near nucleotide)	2
☐	L25	(l20 or l21) and (function$ near group)	14
☐	L26	L25 and array	10
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TITLE: Derivatization of solid supports and methods for oligomer synthesis

Detailed Description Text (107):

In one group of embodiments, the oligomer produced is an oligonucleotide. As noted above, FIG. 16 illustrates the method for oligonucleotide synthesis. While this Figure illustrates the use of phosphoramidite chemistry for monomer coupling, monomers can be added to the growing oligomer using H-phosphonate methods or other coupling methods known to those of skill in the art. Additionally, the photolabile protecting group which is illustrated (MeNPOC) can be replaced with another photolabile protecting group such as NVOC, or those photolabile protecting groups described in co-pending application PCT/US93/10162 (filed Oct. 22, 1993) and previously incorporated herein by reference. Once the chemically-removable protecting group has been removed, a photolabile protecting group can be added using a mixed anhydride of the protecting group.

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